




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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/064,817
		Filing Date	August 21, 2002
		First Named Inventor	Griffin
		Group Art Unit	3672
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	78.1151-1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent
		Number	Kind Code <sup>2</sup> (if known)			
		5833021		Mensa-Wilmot	11/10/1998	
		5862873		Matthias et al.	01/26/1999	
		5871080		Jensen et al.	02/16/1999	
		5979578		Packer	11/09/1999	
		6182533		Tank	02/06/2001	
		6325165		Eyre	12/04/2001	
		6330924		Hall	12/18/2001	
		6342301		Yoshida et al.	01/29/2002	
		6401844		Doster et al.	06/11/2002	
		6401845		Fleider	06/11/2002	
		6405814		Eyre et al.	06/18/2002	
		6408959		Bertagnoli et al.	06/25/2002	
		6419034		Belnap et al.	07/16/2002	
		6439327		Griffin et al.	08/27/2002	
		6446740		Eyre	09/10/2002	
		6458471		Lovato et al.	10/01/2002	
		20020108790		Eyre et al.	08/15/2002	

FOREIGN PATENT DOCUMENTS							
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		Office <sup>4</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
		GB	2323110	A	Baker Hughes Incorporated	09/16/1998	
		PCT	WO 97/30264	A3	Baker Hughes Incorporated	08/21/1997	

Examiner Signature		Date Considered	12/13/02
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